

FIG. 1

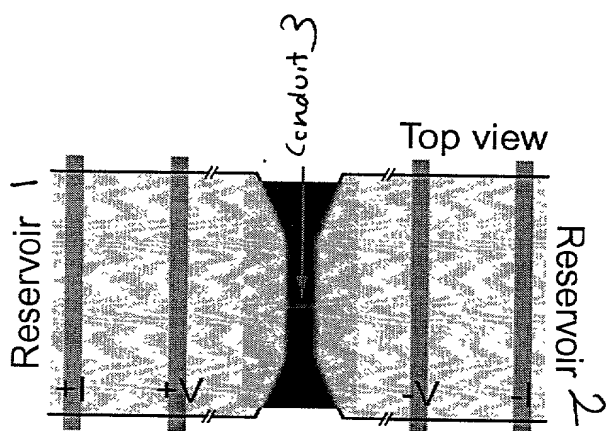
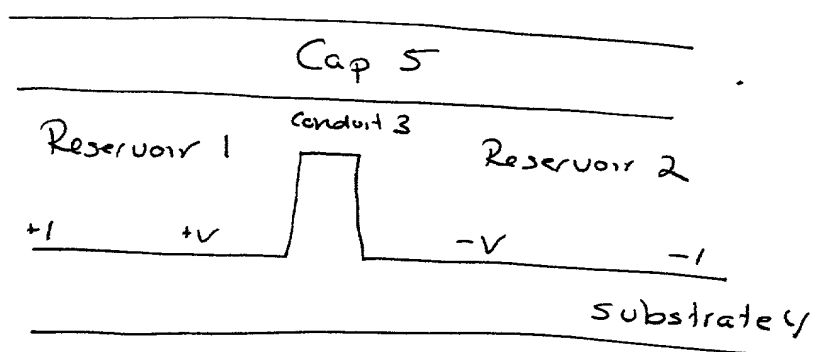
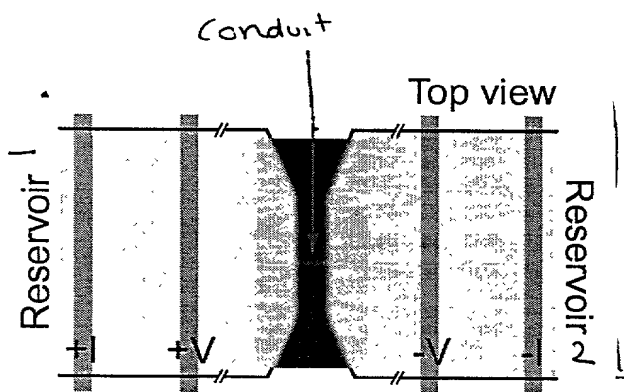
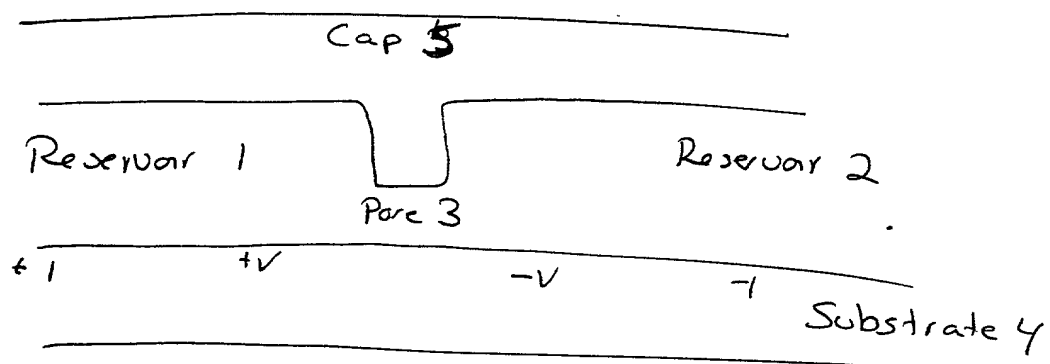


FIG. 2



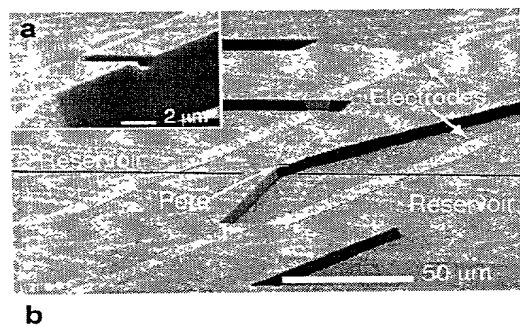


FIG. 3

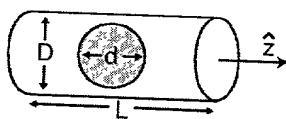


FIG. 4

FIG. 5

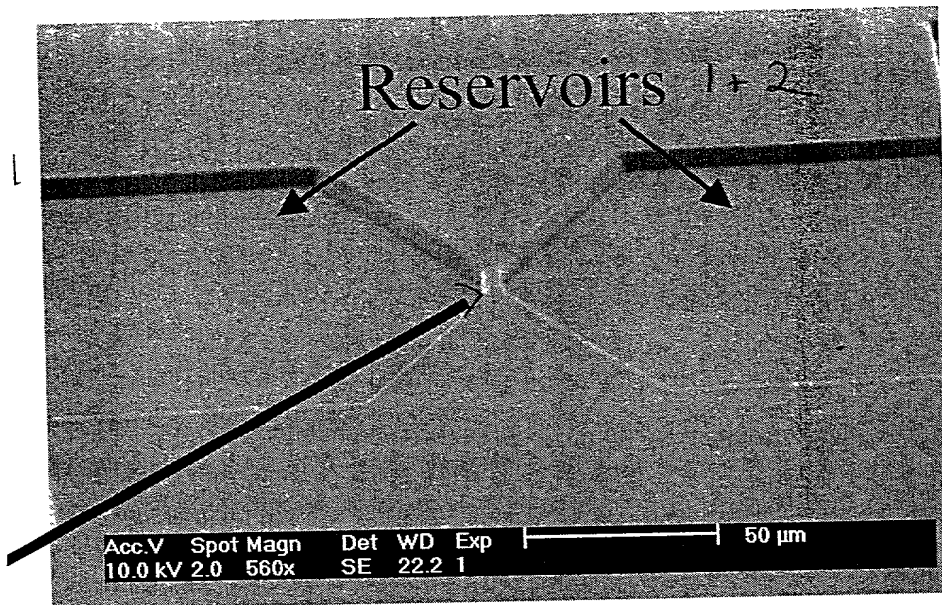
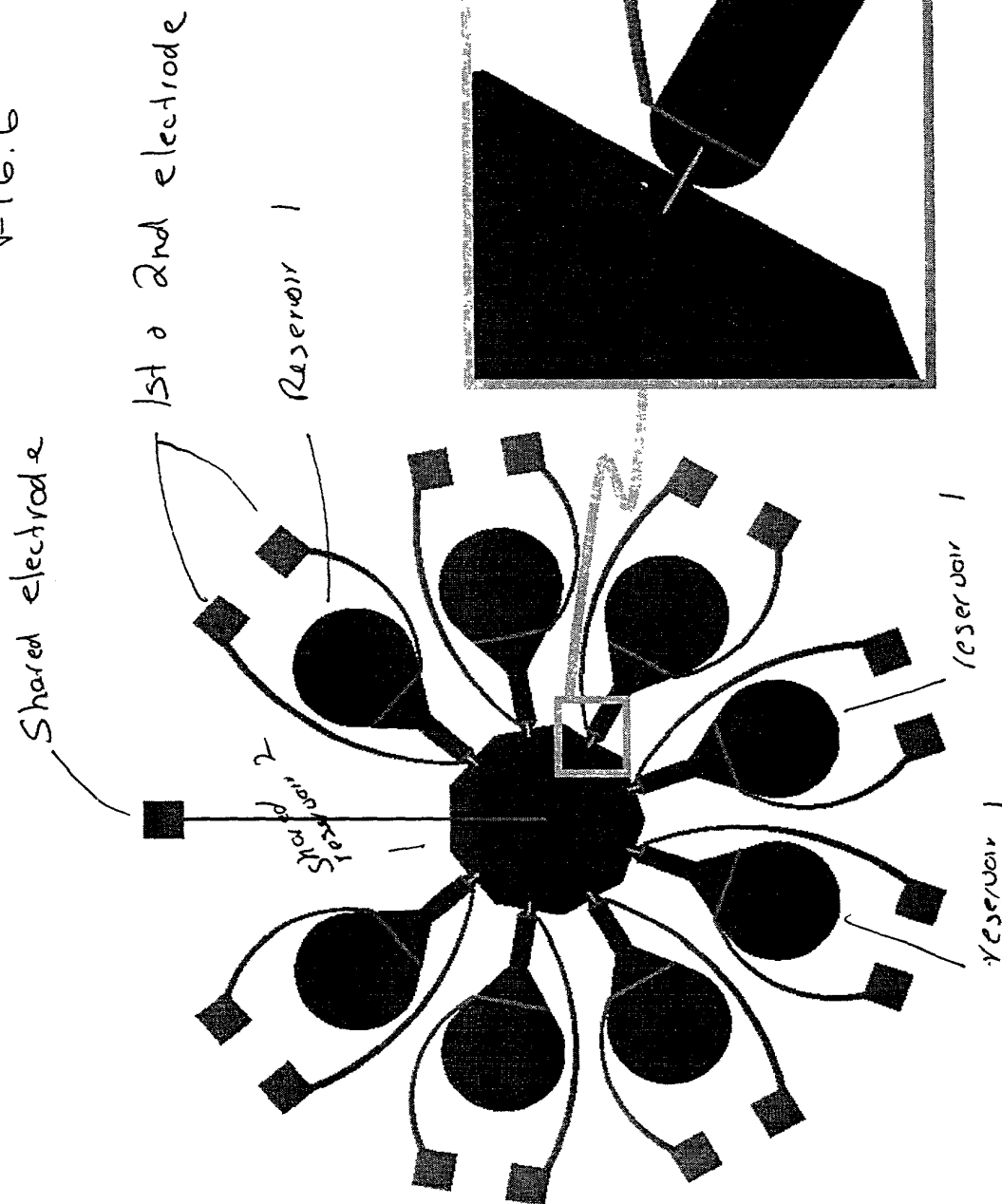


Fig. 6



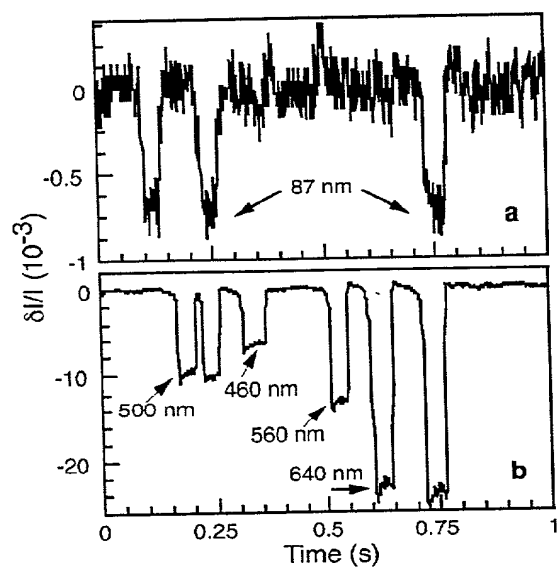


FIG. 7

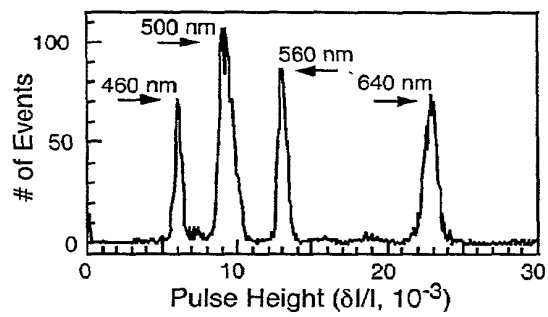


FIG. 8



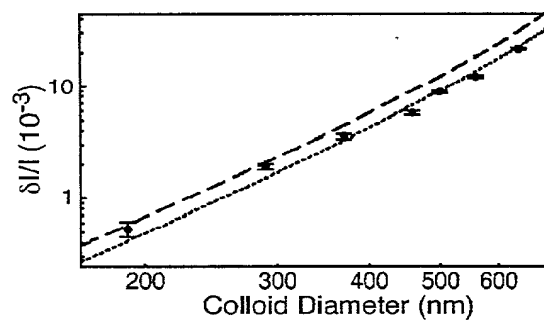


FIG. 9

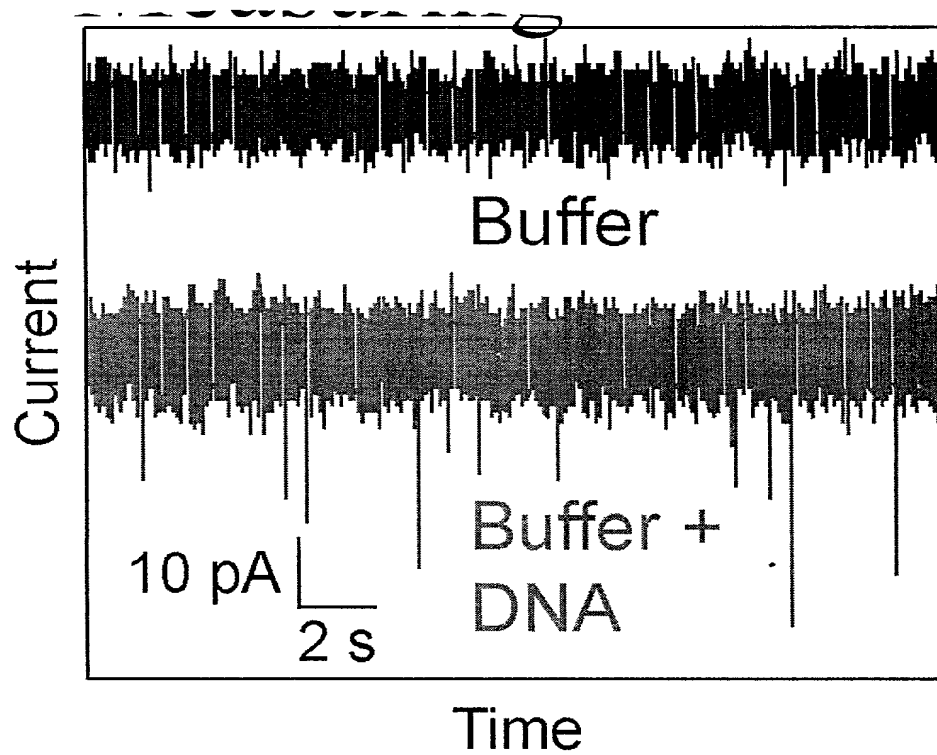


FIG. 10

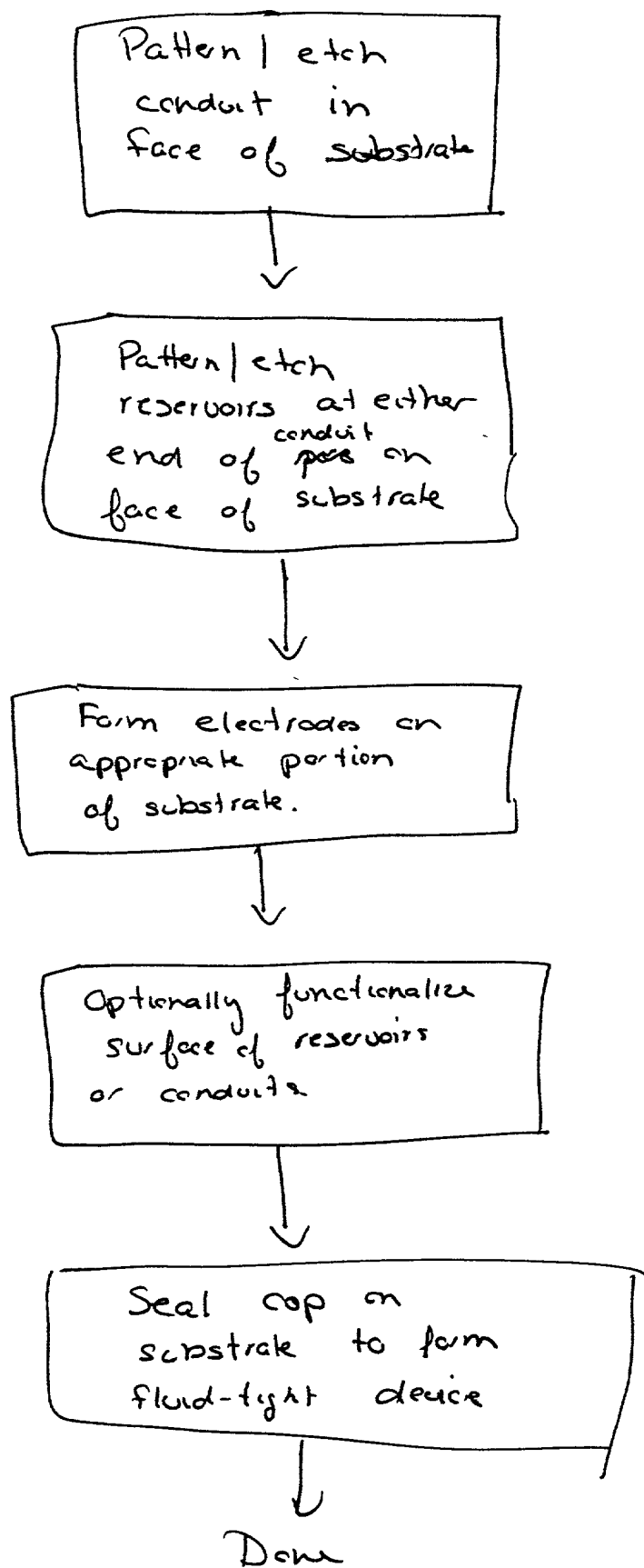


Fig. 17

Pattern conduit as  
thin raised line on  
~~negative master mold~~  
mold substrate



Pattern reservoir as  
raised island connected  
by raised conduit to  
form negative master mold



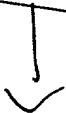
Cast cap on master.  
Harden & remove.



Optionally functionalize  
surface of cap.



Seal cap onto  
substrates with electrodes



Done

FIG. 12

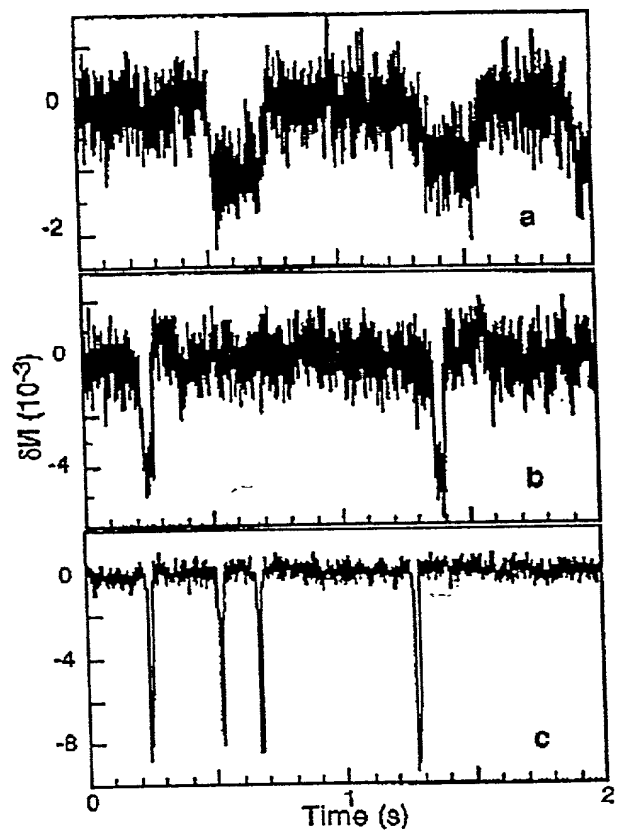


FIG. 13